

WHAT IS CLAIMED IS:

SUB A17

1 A database management method comprising:
determining actions to be performed on one or more database objects, wherein a
5 database comprises the one or more database objects;
performing the actions on the database objects;
monitoring results of the performing the actions on the database objects; and
reconfiguring one or more policies or definitions based on the monitoring the
results of the performing the actions on the database objects.

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2. The database management method of claim 1, further comprising:
automatically determining a schedule for performing the actions on the database
objects, wherein the performing the actions on the database objects comprises performing
the actions on the database objects based on the schedule.

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3. The database management method of claim 2,
wherein the performing the actions on the database objects based on the schedule
comprises automatically performing the actions on the database objects based on the
schedule.

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4. The database management method of claim 1, further comprising:
confirming the performing the actions on the database objects.

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5. The database management method of claim 1, further comprising:
collecting statistics relating to operation of a database; and
determining characteristics of the database objects.

6. The database management method of claim 5,

wherein the determining the characteristics of the database objects comprises automatically determining the characteristics of the database objects.

7. The database management method of claim 5,

wherein the determining the actions to be performed on the database objects comprises determining the actions to be performed on the database objects based on the characteristics of the database objects.

8. The database management method of claim 7,

wherein the determining the actions to be performed on the database objects based on the characteristics of the database objects comprises automatically determining the actions to be performed on the database objects based on the characteristics of the database objects.

9. The database management method of claim 5,

wherein the statistics comprise object-level statistics.

10. The database management method of claim 5,

wherein the statistics comprise activity-level statistics.

11. The database management method of claim 5,

wherein the determining the characteristics of the database objects comprises determining the characteristics of the database objects using the collected statistics.

12. The database management method of claim 5,

wherein the determining the characteristics of the database objects comprises determining the characteristics of the database objects using the one or more policies.

13 The database management method of claim 5,
wherein the determining the characteristics of the database objects comprises
determining the characteristics of the database objects using the one or more definitions.

5 14. The database management method of claim 1, further comprising:
customizing the one or more definitions.

15. The database management method of claim 1, further comprising:
customizing the one or more policies.

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16. A carrier medium comprising program instructions, wherein the program
instructions are computer-executable to implement:

determining actions to be performed on one or more database objects, wherein a
database comprises the one or more database objects;

15 performing the actions on the database objects;

monitoring results of the performing the actions on the database objects; and

reconfiguring one or more policies or definitions based on the monitoring the
results of the performing the actions on the database objects.

20 17. The carrier medium of claim 16, wherein the program instructions are further
computer-executable to implement:

automatically determining a schedule for performing the actions on the database
objects, wherein the performing the actions on the database objects comprises performing
the actions on the database objects based on the schedule.

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18. The carrier medium of claim 17,

wherein the performing the actions on the database objects based on the schedule comprises automatically performing the actions on the database objects based on the schedule.

5 19. The carrier medium of claim 16, wherein the program instructions are further computer-executable to implement:

confirming the performing the actions on the database objects.

20. The carrier medium of claim 16, wherein the program instructions are further
10 computer-executable to implement:

collecting statistics relating to operation of a database; and

determining characteristics of the database objects.

21. The carrier medium of claim 20,
15 wherein the determining the characteristics of the database objects comprises automatically determining the characteristics of the database objects.

22. The carrier medium of claim 20,
20 wherein the determining the actions to be performed on the database objects comprises determining the actions to be performed on the database objects based on the characteristics of the database objects.

23. The carrier medium of claim 22,
25 wherein the determining the actions to be performed on the database objects based on the characteristics of the database objects comprises automatically determining the actions to be performed on the database objects based on the characteristics of the database objects.

24. The carrier medium of claim 20,
wherein the statistics comprise object-level statistics.

25. The carrier medium of claim 20,
wherein the statistics comprise activity-level statistics.

26. The carrier medium of claim 20,
wherein the determining the characteristics of the database objects comprises
determining the characteristics of the database objects using the collected statistics.

27. The carrier medium of claim 20,
wherein the determining the characteristics of the database objects comprises
determining the characteristics of the database objects using the one or more policies.

28. The carrier medium of claim 20,
wherein the determining the characteristics of the database objects comprises
determining the characteristics of the database objects using the one or more definitions.

29. The carrier medium of claim 16, wherein the program instructions are further
computer-executable to implement:
customizing the one or more definitions.

30. The carrier medium of claim 16, wherein the program instructions are further
computer-executable to implement:
customizing the one or more policies.

31. A database management system comprising:
a CPU;

a database coupled to the CPU, wherein the database comprises one or more database objects;

a memory coupled to the CPU, wherein the memory stores program instructions which are executable by the CPU to:

- 5 determine actions to be performed on the database objects;
 - perform the actions on the database objects;
 - monitor results of the performing the actions on the database objects; and
 - reconfigure one or more policies or definitions based on the monitoring
- the results of the performing the actions on the database objects.

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32. The database management system of claim 31, wherein the program instructions are further executable by the CPU to:

- automatically determine a schedule for performing the actions on the database
- objects, wherein in performing the actions on the database objects, the program
- 15 instructions are further executable by the CPU to perform the actions on the database
- objects based on the schedule.

33. The database management system of claim 32,

- wherein in performing the actions on the database objects based on the schedule,
- 20 the program instructions are further executable by the CPU to automatically perform the
- actions on the database objects based on the schedule.

34. The database management system of claim 31, wherein the program instructions are further executable by the CPU to:

- 25 confirm the performing the actions on the database objects.

35. The database management system of claim 31, wherein the program instructions are further executable by the CPU to:

collect statistics relating to operation of a database; and
determine characteristics of the database objects.

36. The database management system of claim 35,
5 wherein in determining the characteristics of the database objects, the program
instructions are further executable by the CPU to automatically determine the
characteristics of the database objects.

37. The database management system of claim 35,
10 wherein in determining the actions to be performed on the database objects, the
program instructions are further executable by the CPU to determine the actions to be
performed on the database objects based on the characteristics of the database objects.

38. The database management system of claim 37,
15 wherein in determining the actions to be performed on the database objects based
on the characteristics of the database objects, the program instructions are further
executable by the CPU to automatically determine the actions to be performed on the
database objects based on the characteristics of the database objects.

39. The database management system of claim 35,
20 wherein the statistics comprise object-level statistics.

40. The database management system of claim 35,
wherein the statistics comprise activity-level statistics.

41. The database management system of claim 35,

wherein in determining the characteristics of the database objects, the program instructions are further executable by the CPU to determine the characteristics of the database objects using the collected statistics.

5 42. The database management system of claim 35,
wherein in determining the characteristics of the database objects, the program instructions are further executable by the CPU to determine the characteristics of the database objects using the one or more policies.

10 43. The database management system of claim 35,
wherein in determining the characteristics of the database objects, the program instructions are further executable by the CPU to determine the characteristics of the database objects using the one or more definitions.

15 44. The database management system of claim 31, wherein the program instructions are further executable by the CPU to:
customize the one or more definitions.

20 45. The database management system of claim 31, wherein the program instructions are further executable by the CPU to:
customize the one or more policies.